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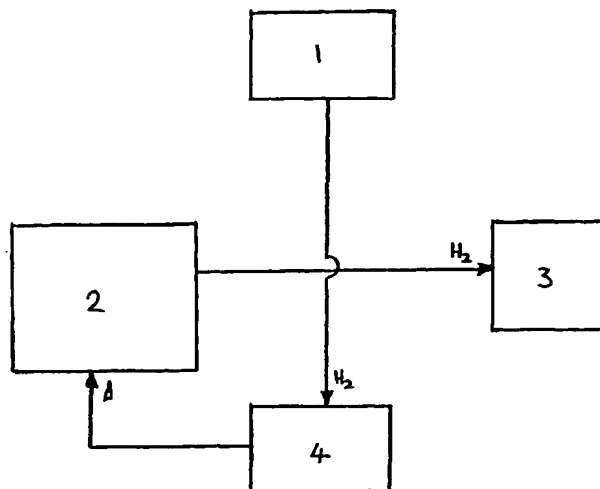
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(54) Title: HYDROGEN SUPPLY SYSTEM



(57) Abstract: A hydrogen supply system (Figure 1) comprises a first hydrogen storage material (1), which may be an AB<sub>5</sub> type material, and a second hydrogen storage material (2) which may be a MgH<sub>2</sub> type material; wherein the two hydrogen stores are separate. The first hydrogen storage material can be activated to release hydrogen at a lower temperature than can the second hydrogen storage material and at least a proportion of the hydrogen released from the first hydrogen storage material is utilised to activate the second hydrogen storage material. Hydrogen released from the second hydrogen storage material is made available to a hydrogen consumption system (3). The system is particularly suited for use as a mobile hydrogen supply, for example to provide hydrogen to a fuel cell powered vehicle.

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